FIG_1

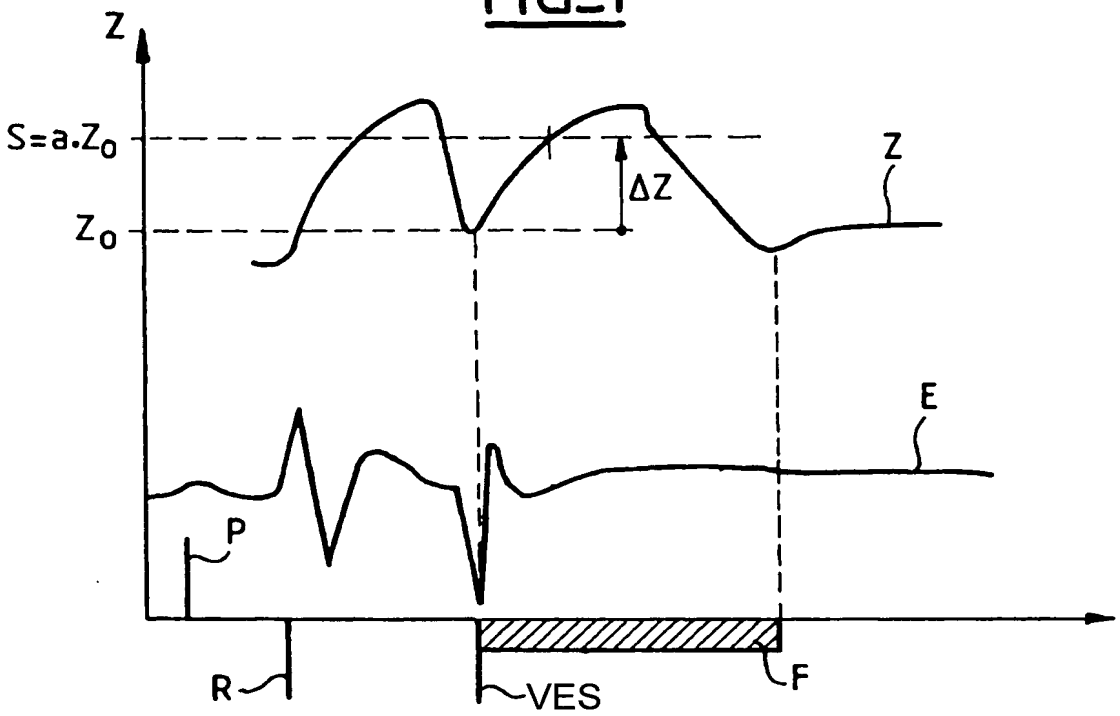
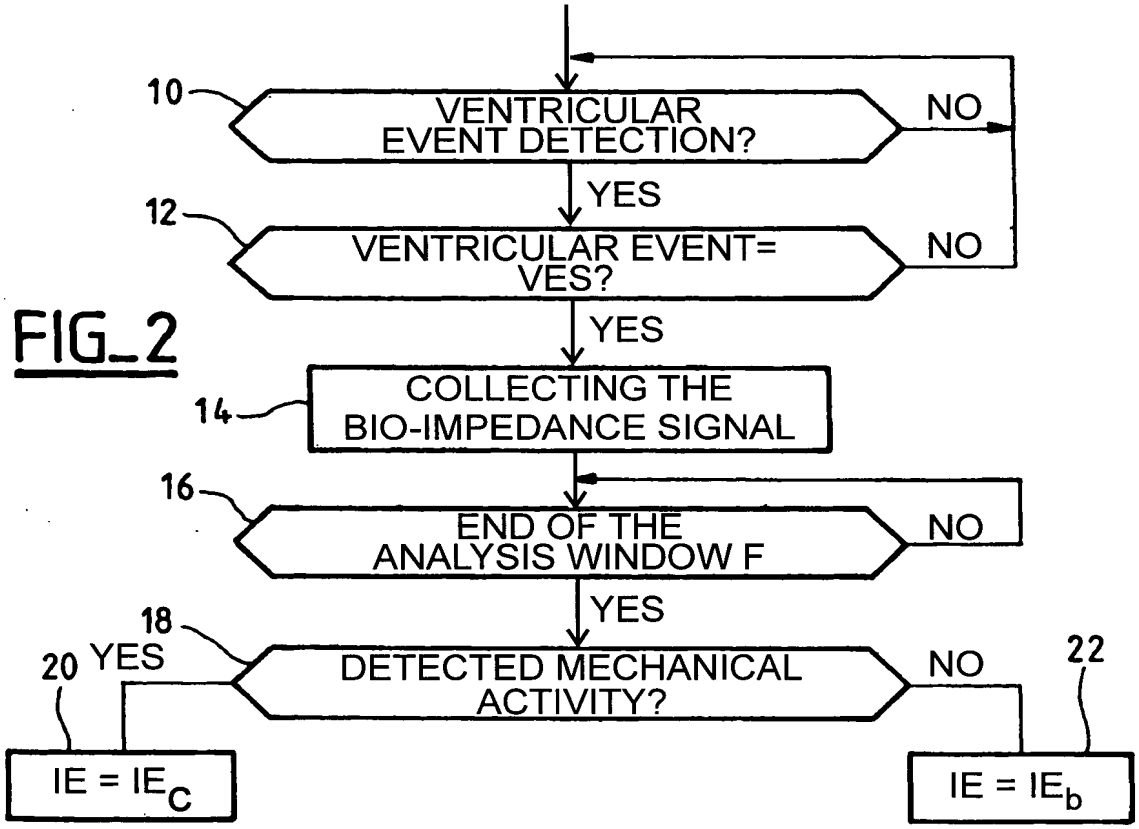

Z
S=a.Z0
Z0
ΔZ
Z
E
P
R
VES
F

FIG_2


10
VENTRICULAR EVENT DETECTION?
NO
YES
12
VENTRICULAR EVENT= VES?
NO
YES
14
COLLECTING THE BIO-IMPEDANCE SIGNAL
16
END OF THE ANALYSIS WINDOW F
NO
YES
18
20
YES
DETECTED MECHANICAL ACTIVITY?
NO
22
IE = IEc
IE = IEb